

Title (en)  
RELAY

Title (de)  
RELAIS

Title (fr)  
RELAIS

Publication  
**EP 3929958 A4 20221123 (EN)**

Application  
**EP 20759207 A 20200212**

Priority  
• JP 2019028888 A 20190220  
• JP 2020005226 W 20200212

Abstract (en)  
[origin: EP3929958A1] An appropriate insulation distance for a movable contact piece is secured while suppressing enlargement of a relay. An insulating member is connected to a first movable contact piece. A movable iron core is connected to the insulating member. The first movable contact piece and the movable iron core are electrically insulated by the insulating member.

IPC 8 full level  
**H01H 50/02** (2006.01); **H01H 50/20** (2006.01); **H01H 50/64** (2006.01)

CPC (source: EP US)  
**H01H 50/02** (2013.01 - US); **H01H 50/026** (2013.01 - EP); **H01H 50/20** (2013.01 - US); **H01H 50/44** (2013.01 - US); **H01H 50/546** (2013.01 - US); **H01H 50/58** (2013.01 - US); **H01H 50/64** (2013.01 - US); **H01H 50/648** (2013.01 - EP); **H01H 51/065** (2013.01 - US); **H01H 50/546** (2013.01 - EP); **H01H 2050/446** (2013.01 - US)

Citation (search report)  
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• [X] US 6975194 B2 20051213 - NISHIDA TAKESHI [JP], et al  
• [Y] JP S56112829 U 19810831  
• [Y] JP S4322993 Y1 19680928  
• [Y] ES 2606317 T3 20170323 - OMRON TATEISI ELECTRONICS CO [JP]  
• See also references of WO 2020170895A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
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**EP 20759207 A 20200212**; CN 202080012519 A 20200212; JP 2019028888 A 20190220; JP 2020005226 W 20200212; TW 109104614 A 20200214; US 202017429628 A 20200212